

Managing Data Exercise 1

What you need to do:

- 1) Download the nj_state_teachers_salaries.csv file and place it in the directory (folder) for MySQL upload
- 2) Review the .csv file to learn about the structure – the column names, data types, etc.
- 3) Write a Python program using MySQL Connector to create a database named nj_state_teachers_salaries, and a table named nj_state_teachers_salaries. You need to load the data from the nj_state_teachers_salaries.csv file to the table and database you created using the method discussed this week.
- 4) You do not have to create functions to perform the above tasks. This program can be a sequential flow program.

What you need to submit:

- 1) The Python program LoadSalaryData.py) to perform the above tasks (upload the LoadSalaryData.py file)
- 2) A text file (Word document or PDF) with the following information:
 - a. Your name
 - b. Describe the challenges you encountered in loading the data and how did you solve the issues you encountered
 - c. Add OPTIONALLY ENCLOSED BY '' in your SQL command when loading the data from the CSV file to the MySQL database. Did you observe any differences with and without it?
 - d. This file should be one-page max.

Grading Rubric:

80 Points – program functions and load data correctly

20 points – Your write-up clearly and thoroughly articulates the challenges observed and how you solve the problems.